CLAIMS

1. A catheter and stent combination for insertion into the lumen of a human or animal body, the combination comprising:

a catheter having an elongate body with proximal and distal ends, the body comprising a hollow tubular member, wherein at least one section of the walls of the tubular member in the distal region is corrugated; and a stent wherein a support region is formed over the corrugated section in order to provide supporting retention for a stent placed there over in use.

2. A catheter according to claim 1, wherein the corrugation is provided by a series of circular indentations forming ribs therebetween.

3. A catheter according to claim 2, wherein slots are cut in the ribs that are formed to provide additional flexibility in the corrugations.

4. A catheter according to claim 1, wherein the corrugation is provided a single spiral indentation along the wall.

5. A catheter according to claim 1, wherein wire inserted into the corrugated section to provide a region of increased radiopacity.

6. A catheter according to claim 1, wherein the corrugated section has a balloon formed over it.